

**DECLARATION  
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHODS FOR PRODUCING SIALYLOLIGOSACCHARIDES IN A DAIRY SOURCE**

and for which a patent application:

☐ is attached hereto and includes amendment(s) filed on \_\_\_\_\_ (if applicable)

☒ was filed in the United States on August 14, 1997 as Application No. 08/911,393 (for declaration not accompanying application)

with amendment(s) filed on \_\_\_\_\_ (if applicable)

☐ was filed as PCT international Application No. \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

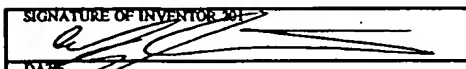

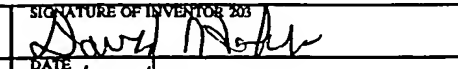
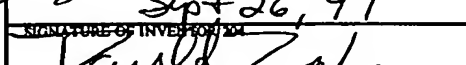
POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebe (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Famucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Ann L. Gisolfi (Reg. No. 31956), SaraLynn Mandel (Reg. No. 31853), Mark A. Farley (Reg. No. 33170), and James G. Markey (Reg. No. 31636), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

**SEND CORRESPONDENCE TO:** PENNIE & EDMONDS LLP  
1155 AVENUE OF THE AMERICAS  
NEW YORK, N.Y. 10036-2711

**DIRECT TELEPHONE CALLS TO:**  
PENNIE & EDMONDS LLP DOCKETING  
(212) 790-2803

201	FULL NAME OF INVENTOR	LAST NAME Pelletier	FIRST NAME Marc	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Doylestown	STATE OR FOREIGN COUNTRY PA	COUNTRY OF CITIZENSHIP Canada	
	POST OFFICE ADDRESS	STREET 5-19 Aspen Way	CITY Doylestown	STATE OR COUNTRY PA	ZIP CODE 18901
202	FULL NAME OF INVENTOR	LAST NAME Barker	FIRST NAME William	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	CITY West Chester	STATE OR FOREIGN COUNTRY PA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 168 Summit House	CITY West Chester	STATE OR COUNTRY PA	ZIP CODE 19382
203	FULL NAME OF INVENTOR	LAST NAME Hakes	FIRST NAME David	MIDDLE NAME J.	
	RESIDENCE & CITIZENSHIP	CITY Willow Grove	STATE OR FOREIGN COUNTRY PA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 14 Fern Avenue	CITY Willow Grove	STATE OR COUNTRY PA	ZIP CODE 19090
204	FULL NAME OF INVENTOR	LAST NAME Zopf	FIRST NAME David	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	CITY Strafford	STATE OR FOREIGN COUNTRY PA	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 560 West Beachtree Lane	CITY Strafford	STATE OR COUNTRY PA	ZIP CODE 19087
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 	SIGNATURE OF INVENTOR 202 	SIGNATURE OF INVENTOR 203 
DATE Sept 26, 97	DATE 9-26-97	DATE 9/26/97
SIGNATURE OF INVENTOR 204 	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE Sept 26, 1997	DATE	DATE

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ~~XXXXXX~~, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231, ON THE DATE INDICATED BELOW:

BY: Danyle Patel

DATE: January 14, 2002

PATENT

ATTORNEY DOCKET NO.: 040853-01-5028-01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Neose Technologies, Inc.  
(formerly, Neose Pharmaceuticals, Inc.)

Application No.: 09/955,909

Filing Date: September 18, 2001

For: METHOD FOR PRODUCING  
SIALYLOLIGOSACCHARIDES IN A DAIRY SOURCE )

Commissioner for Patents & Trademarks  
Washington, D.C. 20231

**REVOCATION OF ORIGINAL POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

Neose Technologies, Inc., formerly Neose Pharmaceuticals, Inc., a corporation located in Horsham, Pennsylvania, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of assignment filed in application 08/911,393 and recorded on October 1, 1997 at Reel 8721, Frame 0070 in the U.S. Patent and Trademark Office.

Assignee hereby revokes the previous Power of Attorney in the above-identified patent application to PENNIE & EDMONDS LLP and hereby grants their power of attorney to the registered practitioners of MORGAN, LEWIS & BOCKIUS LLP included in the Customer Number 028977 to transact all business, including prosecution, before the Patent and Trademark Office connected with this patent application. Assignee hereby respectfully requests that all correspondence be addressed directly to MORGAN, LEWIS & BOCKIUS LLP at the following location:

**1701 Market Street  
Philadelphia, PA 19103**

Please direct all telephone inquiries to:

**Kathryn Doyle  
Phone: (215) 963-4723**

To the best of the undersigned's knowledge and belief, title is in the assignee identified above. The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

11 Jan 02

Name: Stephen A. Roth

Title: Chief Executive Officer

Signature:

